



NITFS Compliance Registration



Product: CIP v7.2a with Global Hawk

Imagery

Sponsor: USAF CIP Program Office

Date: 09 March 2010

Expiration: 08 March 2012

Registration #: 1047

Developer: Northrop Grumman Corporation

- ☐ Initial Registration
☒ Supplemental/Update # 103#
☐ Derived from Reg. #

☒ System

N-0105/98, §4.1.1

☐ Product

N-0105/98, §4.1.2

☐ Component

N-0105/98, §4.1.3

** NITF 2.0 feature

* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

☒ 2.1

☐ 2.0

☐ 1.1

NSIF

☐ 1.0

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Annotation Segment Types

☐ Bit Mapped **

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels **

Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLY

☐ POLAR

Image Compression

☒ No compression

☒ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsampling

☐ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

Data Extension Segments

☒ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ ASDEs

☒ ICHIPB

☒ REGPTB

☒ MTXFIL

Complexity Level						
NITF 2.1 CLEVEL						
	3	5	6	7		
Interpret						
Generate						
NITF 2.0 CLEVEL						
	1	2	3	4	5	6 Oth
Interpret						
Generate						

Configurations Tested:

- 2 Servers (A&B); Compaq ES45, 1250
MHz*4CPUs and Tru64 UNIX V5.1B

Legend
Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.